

CLAIM AMENDMENTS

1. (Currently amended.) A support system for a catalytic monolith, comprising:
 - a. knitted wire mesh arranged to provide cushioning support ~~and/or~~ and gaseous sealing for said catalytic monolith, said wire mesh being crimped into a herringbone configuration with dams that block and direct gas flow; and
 - b. ~~insolation~~ insulation material comprising predominantly non-intumescent material and arranged integral with said knitted wire mesh to provide thermal ~~insolation~~ insulation ~~and/or~~ gaseous sealing for said catalytic monolith.
- 2-3. (Cancelled.)
4. (Currently amended.) The support system for a catalytic monolith according to claim ~~[[3]]~~ 1, wherein said knitted wire mesh is crimped in a multi-herringbone configuration.
5. (Currently amended.) The support system for a catalytic monolith according to claim ~~[[3]]~~ 1, wherein said ~~at least one barrier includes an air blockage points, so as to~~ dams direct gases through said catalytic monolith.
6. (Currently amended.) The support system for a catalytic monolith according to claim 1, further comprising an end seal proximal to said knitted wire mesh so as to direct gases through said catalytic monolith.
7. (Cancelled.)
8. (Currently amended.) The support system for a catalytic monolith according to claim 1, wherein said ~~insolation~~ insulation material is a ceramic.

9. (Currently amended.) The support system for a catalytic monolith according to claim 8, wherein said ~~insolation~~ insulation material is flexible at ambient temperatures.
10. (Currently amended.) The support system for a catalytic monolith according to claim 8, wherein said ~~insolation~~ insulation material is at least 95% non-intumescent.
11. (Currently amended.) The support system for a catalytic monolith according to claim 8, wherein said ~~insolation~~ insulation material is 100% non-intumescent.
12. (Currently amended.) The support system for a catalytic monolith according to claim 9, wherein said ~~insolation~~ insulation material is flexible at temperatures from about 0° F. to about 1700° F.
13. (Currently amended.) The support system for a catalytic monolith according to claim 8, wherein said ~~insolation~~ insulation material includes refractory ceramic fibers.
14. (Currently amended.) The support system for a catalytic monolith according to claim 2, wherein said wire is arranged as a plurality of sheets of wire mesh, and said ~~insolation~~ insulation material sandwiched between said plurality of sheets of wire mesh.
15. (Currently amended.) The support system for a catalytic monolith according to claim 2, further comprising ~~[[a]]~~ an end seal proximal to said wire mesh and/or ~~insolation~~ insulation material.
16. (Currently amended.) A method of providing a support system for a catalytic monolith, comprising the steps of:

a. providing a knitted wire mesh and crimping said mesh into a herringbone configuration with dams that block and direct gas flow;

b. arranging said knitted wire mesh to provide cushioning support and/or gaseous sealing for said catalytic monolith;

c. providing ~~insolation~~ insulation material of predominantly non-intumescent material; and

d. arranging said ~~insolation~~ insulation material integral with said knitted wire mesh to provide thermal ~~insolation~~ insulation and/or gaseous sealing for said catalytic monolith.

17. (Cancelled.)

18. (Currently amended.) The method for providing a support system for a catalytic monolith according to claim [[17]] 16, wherein said ~~at least one barrier includes [[an]] air blockage points, so as to~~ dams direct gases through said catalytic monolith.

19-20. (Cancelled.)

21. (New.) The method of claim 16, wherein the crimping provides a multi-herringbone pattern.